



Ferrous Ion Content Assay kit

Iron is one of the essential trace elements in human body. Fe^{2+} is the main component of hemoglobin, myoglobin, cytochrome and other enzyme systems, which could assist in the transport of oxygen and promote fat oxidation. Iron deficiency can easily cause anemia, metabolic disorders, and affect the immune function of the body. Fe^{2+} could react with Tripyridyltriazine to form a kind of blue compound under acid condition, which has an absorption peak at 593 nm. Changes of the absorbance at 593 nm could be measured to reflect ferrous ion content.

Catalog No.	250541
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/1 year
Shipping	Gel Packs